

Subject Index—Volume 2

A

- Abscess
 - intraabdominal, combined ^{67}Ga and $^{99\text{m}}\text{Tc}$ imaging, 344–347
 - intraabdominal, ^{67}Ga imaging in, 245–246
 - subphrenic mimicking intrahepatic lesion on lung-liver imaging, 207–209
- Adrenal gland imaging
 - adrenal cortical carcinoma in, 11–113
 - clinical applications of, 283–285
 - pseudocyst in blood pool imaging, 16–19
 - usefulness in adrenal hyperfunction, 253–264
- Adriamycin induced cardiac toxicity
 - myocardial imaging with $^{99\text{m}}\text{Tc}$ -pyrophosphate, 429
- Aneurysm, middle cerebral artery on radionuclide angiography, 209–210
- Arthritis, septic imaging with ^{67}Ga and $^{99\text{m}}\text{Tc}$ -phosphates, 337–343
- Asplenia, functional
 - absence of Howell-Jolly bodies with, 395–396
 - few Howell-Jolly bodies with, 106–108
- Autonomously functioning thyroid nodules
 - coexistence with malignancy, 350–354

B

- Blood pool imaging with ^{131}I -rose bengal
 - splenic visualization in, 29
- Blood pool imaging with $^{99\text{m}}\text{Tc}$ -sodium pertechnetate
 - adrenal pseudocyst, 16–20
- Bone imaging with $^{99\text{m}}\text{Tc}$ -diphosphonate
 - chemoperfusion and increased activity, 451
 - compared with $^{99\text{m}}\text{Tc}$ -pyrophosphate, 364–367
 - comparison with methylene diphosphonate, 232–234
 - Englemann's disease, 24
 - hyperparathyroidism, 114–118
 - hypertrophic pulmonary osteoarthropathy and pulmonary metastatic disease, 397–399
 - melorheostasis, 450
 - osteomalacia simulating metastases, 181–183
 - osteomyelitis, 218–220
 - osteoporosis, 318–321
 - plasmacytoma, 243–244
 - regression of osseous metastases after endocrine ablative surgery, 149–151
- Bone imaging with $^{99\text{m}}\text{Tc}$ -methylene diphosphonate
 - advantages of, 89–92
 - comparison with diphosphonate, 232–234
 - and ^{67}Ga imaging in septic arthritis, cellulitis and osteomyelitis, 336–343
 - sympathetic denervation and bone imaging, 276–278
- Bone imaging with $^{99\text{m}}\text{Tc}$ -polyphosphate
 - discitis in, 20–25
- Bone imaging with $^{99\text{m}}\text{Tc}$ -pyrophosphate
 - avascular necrosis of hip, 42
 - bone tumors in twins, 82–86
 - compared with other studies in carcinoma of prostate, 200–203

- comparison with $^{99\text{m}}\text{Tc}$ diphosphonate 364–367
- discitis, 20–25
- enchondroma, 82–86
- fracture, 147
- hypercalcemia associated with carcinoma of the bladder, 87–88
- osteosarcoma, 92–86
- progressive systemic sclerosis in, 26–28
- radiation induced skeletal and soft tissue uptake, 93–94
- single pass area scan, 360–363
- sympathetic denervation and bone imaging, 276–278

Book reviews

- Cerebral Radionuclide Angiography by Frank H. DeLand, 288
- Diagnostic Nuclear Medicine. Edited by Alexander Gottschalk and E. James Potchen, 289
- Introductory Physics of Nuclear Medicine by Ramesh Chandra, 178
- Nuclear Ophthalmology—Dynamic Function Studies in Intraocular Disease by J. O'Rourke, 177
- Radiopharmaceuticals. Edited by G. Subramanian, B. A. Rhodes, J. F. Cooper and V. J. Sodd, 54
- Speak to Me in Nuclear Medicine by Philip Shtasel, 177
- Tomography: Physical Principles and Clinical Applications by J. T. Littleton, 288
- Brain imaging with $^{99\text{m}}\text{Tc}$ -DTPA
 - cerebral cysticercosis on, 10–11
- Brain imaging with $^{99\text{m}}\text{Tc}$ -sodium pertechnetate
 - clinically silent metastases and, 131–133
 - doughnut uptake in cerebral hematoma, 166–168
 - dumbbell-shaped lesion in focal encephalitis, 8–9
 - effect of sodium perchlorate levels on choroid plexus visualization, 169–172
- Breast, adenocarcinoma and osteosarcoma of, $^{99\text{m}}\text{Tc}$ -diphosphonate imaging in, 12–15
- Breast imaging with $^{99\text{m}}\text{Tc}$ -diphosphonate
 - osteosarcoma and adenocarcinoma of breast in, 12–15
- Bronchial occlusion and regulation of regional pulmonary blood flow, 173–175

C

- Caisson's disease, bone imaging in, 54–56
- Cardiac gated imaging with $^{99\text{m}}\text{Tc}$ -PYP labeled red blood cells, 423
- Cellulitis
 - ^{67}Ga and $^{99\text{m}}\text{Tc}$ -phosphate imaging in differential diagnosis of, 337–343
- Choroid plexus, effect of varying dose levels of sodium perchlorate on visualization of, 169–172
- Courvoisier's gallbladder
 - ^{111}In -phenolphthalexon studies, 386–388

D

- Discitis, bone imaging in, 20–25
- Doughnut uptake in brain imaging due to cerebral hematoma, 166–168

E

- Encephalitis, focal, on brain imaging, 8-9
 Enchondroma on bone imaging, 82-86

F

- Fibrinogen, ^{125}I , uptake and venous thromboembolism, 334-335
 ^{18}F -sodium fluoride imaging
 uptake in hepatic metastases, 265-269
 Functional asplenia, 106-108, 395-396

G

- Gallbladder
 Courvoisier's and ^{111}In -phenolphthalexon studies, 386-388
 ^{67}Ga -citrate imaging
 abscess, 245-246
 angioimmunoblastic lymphadenopathy, 368-369
 in breasts of post-abortion patient, 406
 intraabdominal abscess, combined with $^{99\text{m}}\text{Tc}$ imaging, 344-347
 mesenteric adenitis, 427
 myocardial involvement in secondary syphilis, 208
 osteomyelitis, 218-220
 septic arthritis, osteomyelitis and cellulitis, 337-343

H

- Hemochromatosis, liver imaging in, 128-130
 "Hot nose" in cerebral radionuclide angiography, 221-226
 Hyperparathyroidism
 bone imaging in, 114-118
 Hyperthyroidism
 nonfunctioning nodules and malignancy with, 249-251

I

- ^{111}In -chloride imaging
 soft tissue component of bone sarcomas, 179-180
 ^{111}In -phenolphthalexon studies in Courvoisier's gallbladder, 386-388
 $^{113\text{m}}\text{In}$ -colloid liver and spleen imaging
 children with jaundice and, 381-385
 $^{113\text{m}}\text{In}$ -ferric hydroxide particle lung imaging
 hypoxemia unassociated with anatomic shunting in pulmonary disease, 227-331
 Inferior vena cava
 obstruction due to plasmacytoma seen on radionuclide angiography, 135-137
 Intraventricular hemorrhage and brain imaging, 433
 ^{123}I -sodium iodide thyroid imaging
 comparison with $^{99\text{m}}\text{Tc}$ -pertechnetate imaging in solitary nodules, 336
 ^{125}I -fibrinogen uptake and thromboembolism, 334-335
 ^{131}I -iodocholesterol in adrenal imaging
 adrenal cortical carcinoma, 111-113
 clinical applications of, 283-285
 usefulness in adrenal hyperfunction, 253-264
 ^{131}I -sodium iodide thyroid imaging

- coexistence of autonomously functioning nodules and malignancy, 350
 comparison with $^{99\text{m}}\text{Tc}$ -sodium pertechnetate in thyroid nodules, 324-333, 336
 nonfunctioning nodules and malignancy in hyperthyroidism, 249-251
 thyroid hemangiogenesis, 310-314

J

- Jaundice, liver and spleen imaging in children with, 381-385

L

- Leiomyoma, uterine, imaging with $^{99\text{m}}\text{Tc}$ -pyrophosphate, 60-62
 Liposarcoma, imaging with $^{99\text{m}}\text{Tc}$ -diphosphonate, 47-51
 Liver imaging with $^{99\text{m}}\text{Tc}$ -sulfur colloid
 abnormality with pectus excavatum, 392-394
 areas of increased activity with superior vena cava obstruction, 184-188
 children with obstructive jaundice, 381-385
 chronic passive congestion, 52-54
 hemochromatosis, 128-130
 hepatic metastases compared with uptake of bone seeking agents, 264-269, 270-271, 286-287
 left lobe lesions, 377-380
 schistosoma mansoni infestation and hepatic RE failure, 163-165
 trauma, 153-154
 Lung-liver imaging
 subphrenic abscess mimicking intrahepatic liver lesion on, 207
 Lymphangiography
 lymphangiomyomatosis with $^{99\text{m}}\text{Tc}$ -sulfur colloid imaging, 189-191

M

- Mucus plugs and pulmonary perfusion imaging, 157-159, 160-162, 173-175
 Myocardial imaging with $^{99\text{m}}\text{Tc}$ -pyrophosphate
 adriamycin-induced toxicity, 429
 clinical usefulness of, 137-145
 increased uptake following cardioversion, 57-59
 increased uptake in chest wall due to defibrillation, 6-7
 Myocardial imaging with ^{201}Tl -thallium chloride
 atlas of, 64-74
 "hot" heart sign in right ventricular hypertrophy, 1-6

O

- Osteomalacia on bone imaging simulating metastases, 181-183
 Osteomyelitis
 ^{67}Ga and $^{99\text{m}}\text{Tc}$ -phosphate imaging in, 337-343
 imaging strategy in, 218-220
 photon deficient area on imaging, 134
 Osteoporosis
 reduced uptake of $^{99\text{m}}\text{Tc}$ -diphosphonate in, 318-321
 Osteosarcoma on bone imaging, 82-86
 extraosseous metastases, 298-302

Ovary, carcinoma of, visualization with ^{99m}Tc diphosphonate, 30-31

P

Parathyroid adenoma, radionuclide angiography in, 114-118
 Perchlorate sodium, choroid plexus visualization and dose levels of, 169-172
 Progressive systemic sclerosis, bone imaging in, 26-29
 Psoriasis, spleen imaging in, 119-120
 Pulmonary arterial perfusion
 esophageal hiatal hernia causing abnormality in, 389-391
 hypoxemia unassociated with anatomic shunting in pulmonary disease, 227-231
 mucus plugs in, 147-159, 160-162, 173-175
 regulation in bronchial occlusion, 173-175
 Pulmonary embolism
 lung imaging in, 370-372
 radionuclide angiography in diagnosis of, 37-46
 ventilation perfusion mismatch in, 124-127

R

Radiation
 skeletal and soft tissue uptake on bone imaging following, 93-94
 Radionuclide angiography
 anterior cerebral artery occlusion, unilateral, 448
 callosomarginal branches of anterior cerebral artery, 279-280
 in conjunction with myocardial infarct imaging, 423
 diagnosis of liposarcoma with, 47-51
 diagnosis of pulmonary embolism with, 37-46
 hot nose in cerebral, 221-226
 hypernephroma, metastatic and recurrent, 214-217
 increased blood flow in subdural hematoma, 436
 inferior vena cava obstruction, 135-136
 inferior vena cava visualization with superior vena cava obstruction, 296-297
 in middle cerebral artery aneurysm, 209-210
 parathyroid adenoma, 114-118
 plasmacytoma, 243-244
 spleen simulating vascular renal mass in, 194-196
 superior vena cava obstruction, 431
 in thyroid carcinoma, 192-193
 traumatic middle meningeal artery to meningeal vein fistula, 239-242
 vertebral artery visualization in, 247-248
 wandering spleen which mimics a kidney, 274-275
 Warthin's tumor of parotid gland
 Radionuclide lymphangiography
 flare sign in lymphangitic obstruction, 211-213
 lymphangiomatosis in, 189-191
 Renal imaging with ^{99m}Tc -DTPA
 adrenal pseudocyst, 16-19
 non-visualized kidney due to anterior displacement, 454
 spleen simulating vascular renal mass in, 194-196

S

Salivary gland imaging
 Warthin's tumor in, 404-405
 Schistosoma mansoni infestation and liver imaging, 163-165

Spleen imaging simulating a kidney on radionuclide angiography, 274-275
 Spleen imaging with ^{99m}Tc -diphosphonate
 sickle cell disease, 121-123
 Spleen blood pool imaging with ^{131}I -rose bengal, 29
 Splenic imaging with ^{99m}Tc -sulfur colloid
 trauma, 32-56, 155-156
 functional splenic tissue after splenectomy, 63
 functional asplenia, 106-108, 395-396
 sickle cell disease, 121-123
 psoriasis, 119-120
 tumor causing vascular occlusion, 197-199
 osteogenic sarcoma, 315-317
 splenosis, 348-349
 in various entities, 441
 regrowth after splenectomy, 442
 splenic imaging, 443
 Splenosis on ^{99m}Tc -sulfur colloid imaging, 348-349
 Subdural hematoma on radionuclide cerebral angiography, 436
 Superior vena cava obstruction
 increased activity in liver, 184-188
 visualization of inferior vena cava on radionuclide angiography in, 296-297
 radionuclide angiography for liver imaging and, 431
 Swyer-James syndrome, 100-102, 103-105, 109
 Sympathetic denervation and bone imaging, 276-278
 Syphilis of myocardium
 detection with ^{67}Ga imaging, 208

T

^{99m}Tc -antimony colloid lymphangiography
 flare sign in lymphangitic obstruction, 211-213
 ^{99m}Tc -DTPA in brain imaging
 cerebral cysticercosis, 10-11
 ^{99m}Tc -DTPA in renal imaging
 adrenal pseudocyst, 16-19
 non-visualized kidney due to anterior displacement, 454
 ^{99m}Tc -diphosphonate bone imaging
 chemoperfusion and increased activity, 23
 compared with ^{99m}Tc -pyrophosphate, 364-367
 comparison with methylene diphosphonate, 232-234
 Engelmann's disease, 24
 hyperparathyroidism, 114-118
 hypertrophic pulmonary osteoarthropathy and pulmonary metastatic disease, 397-399
 melorheostasis, 22
 osteomalacia simulating metastases, 181-183
 osteomyelitis, 218-220
 osteoporosis, 318-321
 plasmacytoma, 243-244
 regression of osseous metastases after endocrine ablative surgery, 149-151
 ^{99m}Tc -diphosphonate imaging (extraskeletal)
 extravasation of urine, 411
 uptake in hepatic metastases, 265-269
 uptake in ischemic muscle, 281-282
 liposarcoma, 47-51
 uptake in mucinous adenocarcinoma of stomach, 357-359
 osteomyelitis as photon deficient area in, 134
 osteosarcoma extraosseous metastases, 298-302
 osteosarcoma and adenocarcinoma of breast, 12-15
 renal cell carcinoma, 95-99
 soft tissue uptake in sickle cell anemia, 335-356

- spleen in sickle cell disease, 121-123
 uptake in stomach, thyroid and lungs, 303-305
 thyroid carcinoma, 204-205
- ^{99m}Tc-macroaggregated albumin or albumin microsphere imaging,
 abnormal perfusion due to esophageal hiatus hernia, 389-391
 hypoxemia unassociated with anatomic shunting in pulmonary disease, 227-231
 inferior vena cava obstruction on radionuclide angiography, 135-136
 liver activity in superior vena cava obstruction, 184-188
 mucus plugs and bronchial obstruction, 147-159, 160-162, 173-175
 perfusion imaging immediately before ¹²⁷Xe ventilation imaging, 152-154
 pulmonary embolism and, 370-372
 pulmonary radionuclide angiography with, 37-46
 Swyer-James syndrome, 100-102, 103-105, 109
 ventilation perfusion mismatch in pulmonary embolism, 124-127
- ^{99m}Tc-methylene diphosphonate bone imaging
 advantages of, 89-92
 comparison with diphosphonate, 232-234
 and ⁶⁷Ga imaging in septic arthritis, cellulitis and osteomyelitis, 336-343
 sympathetic denervation and bone imaging, 276-278
- ^{99m}Tc-pyrophosphate bone imaging
 avascular necrosis of hip, 42
 bone tumors in twins, 82-86
 compared with other studies in carcinoma of prostate, 200-203
 comparison with ^{99m}Tc-diphosphonate, 364-367
 discitis, 20-25
 enchondroma, 82-86
 fracture, 147
 hypercalcemia associated with carcinoma of bladder, 87-88
 osteosarcoma, 82-86
 periarticular uptake in progressive systemic sclerosis, 26-28
 radiation induced skeletal and soft tissue uptake, 93-94
 single pass area scan, 360-363
 sympathetic denervation and bone imaging, 276-278
- ^{99m}Tc-pyrophosphate imaging (extraskeletal and extramyo-cardial)
 accumulation in breast prosthesis, 452
 uptake in gynecomastia, 206
 in hypercalcemia associated with carcinoma of the bladder, 87-88
 uptake in hepatic metastases, 265-269, 270-271, 286-287
 leiomyoma of uterus, 60-62
 liver necrosis, 322-323
 localization in an ischemic leg, 400-403
 metastatic calcification to lungs, 272-273
 osteosarcoma extraosseous metastases, 298-302
 ovarian carcinoma in, 30-31
 radiation induced skeletal and soft tissue uptake, 93-94
- ^{99m}Tc-pyrophosphate labeled red blood cells in gated cardiac imaging, 423
- ^{99m}Tc-pyrophosphate myocardial imaging
 adriamycin-induced toxicity, 429
 clinical usefulness of, 137-145
 in conjunction with gated cardiac imaging, 423
 increased uptake following cardioversion, 52-59
 increased uptake in chest wall due to defibrillation, 6-7
- ^{99m}Tc-sodium pertechnetate in blood pool imaging
 adrenal pseudocyst in, 16-19
- ^{99m}Tc-sodium pertechnetate in brain imaging
 anterior cerebral artery occlusion, unilateral
 Choroid plexus visualization in,
 effect of sodium perchlorate on, 169-172
 clinically silent brain metastases and, 131-133
 doughnut uptake in cerebral hematoma, 166-168
 dumbbell-shaped lesion in focal encephalitis, 8-9
 intraventricular hemorrhage, 433
- ^{99m}Tc-sodium pertechnetate imaging (oral administration)
 combined with ⁶⁷Ga imaging in intraabdominal abscess, 344-347
- ^{99m}Tc-sodium pertechnetate salivary gland imaging
 Warthin's tumor of parotid gland, 404-405
- ^{99m}Tc-sodium pertechnetate thyroid imaging
 comparison with radionuclide in thyroid nodules, 324-333, 336
- ^{99m}Tc-sodium pertechnetate thyroid uptake in thyroid function, 407-410
- ^{99m}Tc-sulfur colloid in liver and spleen imaging
 alcoholic liver disease, 308-309
 areas of increased radioactivity in superior vena cava obstruction, 184-188
 children with obstructive jaundice, 381-385
 chronic passive congestion of liver, 52-54
 functional asplenia, 106-108, 395-396
 functional splenic tissue after splenectomy, 63
 hemochromatosis, 128-130
 hepatic left lobe lesions, 377-380
 liver and spleen trauma, 155-156
 pectus excavatum causing abnormality on liver imaging, 392-394
 renal accumulation of, 176
 RE failure in cirrhosis, 293-295
 RE failure in schistosoma mansoni infestation, 163-165
 sickle cell disease, 121-123
 spleen in osteogenic sarcoma, 315-317
 splenic regrowth after splenectomy, 423
 splenic trauma, 32-36
 splenic vasculature occlusion by tumor, 197-199
 splenosis, 348-349
 three different splenic entities, 441
- ^{99m}Tc-sulfur colloid lymphangiography
 lymphangiomyomatosis in, 189-191
- ^{99m}Tc-urokinase imaging
 usefulness in detecting deep venous thrombosis, 235-238
- ²⁰¹Tl-thallium chloride in myocardial imaging
 "hot" heart in right ventricular hypertrophy, 1-6
 atlas of, 64-74
- ²⁰¹Tl-thallium chloride in tumor imaging
 clinical experience with, 75-81
- Thyroid function
 in chronically dialyzed uremic patients, 373-376
^{99m}Tc-neck/thigh ratio, 407-410
- Thyroid gland
 carcinoma
 coexistence with autonomously functioning nodules, 350-354
 comparison of ^{99m}Tc-pertechnetate and radioiodine imaging, 324-333, 336
 hyperthyroidism in, 249-251
 needle biopsy and, 413-421, 422-423

radionuclide angiography, 192-193
^{99m}Tc-diphosphonate uptake in, 204-205
²⁰¹Tl-chloride uptake in, 75-81
 hemiangenesis, 310-314
 size, measured on gamma camera image, 306-307
 Thyroid nodules, functioning
 autonomous and thyroid malignancy, 350-354
 Thyroid nodules, nonfunctioning
 comparison of ^{99m}Tc-pertechnetate and radioiodine, 324-333, 336
 malignancy and hyperthyroidism, 249-251
 needle aspiration in biopsy of, 413-421, 422-423
 Tumor imaging
 with ⁶⁷Ga-citrate, 368-369
 with ¹¹¹In-chloride, 179-180
 with ²⁰¹Tl-chloride, 75-81

V

Venous thromboembolism and ¹²⁵I-fibrinogen uptake, 334-335

X

¹³³Xe ventilation imaging
 In early diagnosis of respiratory burns,
 pulmonary embolism and, 370-372
 Swyer-James syndrome, 100-102, 103-105, 109
 ventilation perfusion mismatch in, 124-127
¹²⁷Xe ventilation imaging
 immediately after ^{99m}Tc-MAA or microsphere perfusion
 imaging, 152-154

Authors' Index—Volume 2

A

Adishesan, N, 424
 Almaria, H H, Jr, 406
 Andrews, T M, 318
 Antar, M A, 106
 Antar, M A, 293
 Araujo, O, 169
 Arzoumanian, A, 232
 Asavavekinkul, S, 235
 Aston, J K, 30
 Avramides, A, 310

B

Barnett, C A, 52
 Baum, S, 338
 Benua, R S, 184
 Benua, R S, 265
 Berry, S, 452
 Blok, P, 443
 Bonanno, C, 322
 Bonte, F J, 137
 Bouropoulou, V, 350
 Boyd, C M, 131
 Boyd, C M, 303
 Boyd, C M, 407
 Braunstein, P, 6
 Braunstein, P, 134
 Braunstein, P, 272
 Braunstein, P, 451
 Brower, A C, 298
 Brownstein, S, 406
 Buckley, M H, 247
 Buckley, M H, 279
 Buja, L M, 137

C

Carter, A C, 310
 Carter, R, 155
 Castronovo, F P, 179
 Charkes, N D, 160
 Charkes, N D, 192

Chaudhuri, T K, 441
 Chhabria, P B, 87
 Chilton, H M, 152
 Cisternino, S J, 357
 Citrin, D L, 364
 Clark, E E, 270
 Coleman, J M, 135
 Cooper, J F, 152
 Costello, P, 397
 Crile, G, Jr, 422
 Curtin, F G, Jr, 37

D

Da Costa, H, 381
 Daniels, D, 373
 Daspit, S G, 1
 Davis, D K, 322
 Davis, H G, Jr, 114
 Degenshein, G A, 149
 DeLong, J F, 114
 DeLuca, S, 179
 Deshmukh, S, 381
 Dhawan, V, 63
 Dhawan, V, 106
 Dhawan, V, 395
 Dhawan, V, 411
 Dhawan, V, 442
 Doherty, P W, 1
 Dragomer, A, 450
 Dukstein, W G, 274
 Dulay, C C, 368

E

Echevarria, R A, 322
 Epreman, B E, 218
 Epstein, D A, 149
 Evans, G W, 32
 Evans, G W, 37

F

Fitzner, P M, 348

Flannery, J T, 315
 Floyd, J L, 281
 Floyd, J L, 243
 Fogelman, I, 364
 Forbes, C D, 235
 Fram, E D, 406
 Fratkin, M J, 157
 Fratkin, M J, 286
 Friedman, B I, 152

G

Galvan, G, 413
 Gandhi, R, 381
 Garcia, A, 184
 Garcia, A C, 265
 Gardner, H C, 448
 Gates, G F, 20
 Gates, G F, 227
 Gelfand, M J, 355
 Glazebrook, G A, 276
 Gooneratne, N S, 377
 Gordon, I J, 411
 Gordon, R, 429
 Goris, M L, 1
 Goris, M L, 55
 Goris, M L, 227
 Gramm, H F, 397
 Granada, M, 100
 Gross, D M, 55
 Guest, J, 121
 Gutowitz, M F, Jr, 8

H

Haden, H T, 370
 Haines, J E, 318
 Harris, M E, 431
 Heidendal, G A K, 443
 Hertzberg, D L, 303
 Hetzel, K R, 189
 Heydemann, J, 450
 Hietala, S O, 157

Hinckley, V M, 424
Hisada, K, 75
Hisada, K, 204
Hoitsma, H F W, 443
Hopkins, G B, 208
Horii, S C, 451

I

Itoh, K, 232
Izhar, M, 392

J

Jackson, F I, 211
Jackson, F I, 276
Jap, T B, 450
Jayabalan, V, 452
Joe, S H, 221
Johnson, P M, 197
Jones, H H, 55
Jones, L, 207

K

Kaminsky, D B, 111
Kan, M, 208
Kaplan, S, 109
Kastl, W H, 245
Kesala, B A, 95
Kesala, B A, 181
Kesala, B A, 357
Kieran, J H, 32
Kieran, J H, 37
Koselt, J C, 386
Kotoulas, O B, 350
Koutras, D A, 249
Koutras, D A, 350
Kriss, J P, 308
Kruglik, G D, 189

L

Ladwig, S H, 344
Landgarten, S, 429
Larson, S M, 318
Lee, H K, 100
Lee, H K, 207
Lee, H K, 296
Lentle, B C, 211
Lentle, B E, 276
Levine, S B, 318
Lin, M S, 308
Lin, M S, 386
Lipschutz, H, 450
Lisbona, R, 232
Lisbona, R, 337
Livadas, D, 249
Livadas, D P, 350
Logic, J R, 206
Loken, M, 381
Lokich, J, 397
Long, J A, 370
Lusins, J, 166

M

Mahler, R J, 111
Mahler, R J, 283

Makler, P T, Jr, 8
Makler, P T, Jr, 160
Makler, P T, Jr, 192
Malmud, L S, 160
Malmud, L S, 192
Manoli, R S, 60
Massin, J P, 326
McCarthy, H F, 37
McCartney, W H, 16
McCauley, D I, 272
McDaniel, M M, 57
McDaniel, M M, 135
McDougall, I R, 235
McKillop, J H, 364
Meckelnburg, R L, 404
Meade, R C, 194
Mehta, S P, 95
Mehta, S P, 181
Mehta, S P, 357
Mena, I, 221
Meyers, C, 450
Moinuddin, M, 209
Moinuddin, M, 247
Moinuddin, M, 412
Moinuddin, M, 433
Moinuddin, M, 448
Morris, G K, 336
Morton, M E, 57
Morton, M E, 135
Moss, E G, 103
Myerson, P J, 29

N

Namey, T C, 26
Neiman, H L, 189
Nelson, H, 389
Northcutt, R C, 253
Nusynowitz, M L, 16
Nusynowitz, M L, 373

O

Olson, R, 52
Oster, Z H, 6
Oxley, D K, 111
Oxley, D K, 283

P

Park, H M, 121
Parkey, R W, 137
Passalacqua, A M, 6
Passalacqua, A M, 272
Passalacqua, A, 451
Patel, A R, 368
Patel, D I, 10
Pearlman, A W, 47
Pearson, H A, 395
Pegg, S P, 424
Percy, J S, 276
Perez, L A, 218
Perez, R, 326
Petrocelli, R D, 360
Piccone, J M, 404
Pinsky, S M, 10
Pinsky, S M, 82
Pinsky, S T, 87

Pinsky, S, 436
Planchon, C, 326
Planitz, M K, 355
Plymate, S R, 373
Pohlmann, G, 194
Post, M, 82
Potsaid, M S, 179
Prakash, V, 308
Prather, J L, 16
Prather, J L, 243
Prater, J L, 281
Prevot, G M, 245
Price, D J, 89
Prince, J R, 274
Psarras, A, 249
Psarras, A, 350
Pujara, S, 206
Puri, K, 381
Puri, S, 454

Q

Quinn, J L, III, 181
Quinn, J L, III, 377

R

Raghavendra, B N, 134
Raghavendra, B N, 272
RamSingh, P S, 206
Ray, M W, 448
Reinke, D B, 200
Reinke, D B, 239
Retzky, M, 427
Robertson, J S, 12
Rockett, J F, 209
Rockett, J F, 247
Rockett, J F, 279
Rockett, J F, 412
Rockett, J F, 433
Rockett, J F, 448
Rosenthal, L, 26
Rosenthal, L, 232
Rosenthal, L, 337
Ryerson, T W, 95
Ryerson, T W, 423
Ryo, U Y, 10
Ryo, U Y, 436

S

Sagar, V V, 404
Saha, G B, 303
Salassa, R M, 253
Sambhi, R P, 155
Samson, G, 64
Scheu, J D, 169
Schey, W L, 82
Schwartz, L J, 208
Sfontouris, J, 350
Shafer, R B, 200
Shafer, R B, 239
Shah, P C, 368
Sheriff, R A, 169
Siddiqui, A, 436
Simon, H, 124
Simon, H, 214
Simpson, A J, 400

Singh, B N, 95
 Singh, B N, 181
 Singh, B N, 357
 Sirpal, S C, 368
 Slivka, J, 389
 Slutsky, L J, 6
 Sodee, D B, 360
 Soileau, A P, 245
 Soin, J S, 60
 Sokole, E B, 64
 Solomon, N, 310
 Sorkin, S J, 451
 Soule, E H, 12
 Spencer, R P, 29
 Spencer, R P, 63
 Spencer, R P, 106
 Spencer, R P, 119
 Spencer, R P, 163
 Spencer, R P, 197
 Spencer, R P, 293
 Spencer, R P, 315
 Spencer, R P, 395
 Spencer, R P, 411
 Spencer, R P, 442
 Spencer, R P, 454
 Spies, S M, 189
 Spies, S M, 357
 Stadalnik, R C, 52
 Stankey, R M, 87
 Stemple, D R, 1
 Stevens, J S, 270
 Stinnett, R G, 157

Sugihara, M, 204
 Suresh, K, 63
 Suresh, K, 163
 Suresh, K, 454
 Sziklas, J J, 197
 Sziklas, J J, 293
 Sziklas, J J, 395
 Sziklas, J J, 411
 Sziklas, J J, 442

T

Taylor, A, 389
 Taylor, K B, 386
 Taylor, R L, 16
 Teates, C D, 298
 Tetelman, M R, 169
 Thijs, L G, 443
 Thomas, H M, III, 173
 Thompson, P, 373
 Tonami, N, 75
 Tonami, N, 204
 Tourje, E J, 239
 Trackler, R T, 128
 Turner, J W, 163

V

van der Schoot, J B, 64
 van Heukelem, H A, 443
 Vichayanrat, A, 310
 Vieras, F, 93

Vieras, F, 131
 Vieras, F, 407

W

Wackers, F J T, 64
 Wahner, H W, 253
 Wahner, H W, 344
 Wahner-Roedler, D L, 12
 Waliszewski, J A, 16
 Wasserman, I, 63
 Watts, G, 221
 Weber, A J, 279
 White, W E, 274
 Willerson, J T, 137
 Williamson, B R J, 298
 Williamson, S M, 37
 Winston, M A, 427
 Wolff, J M, 239

Y

Yeh, E L, 194
 Yeh, E L, 306
 Yeh, S D J, 184
 Yeh, S D J, 265
 Yum, H Y, 10
 Yum, H Y, 436

Z

Zatz, L M, 386
 Zeiger, L S, 103
 Zu'bi, S M, 163

STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION
 (Act of August 12, 1970: Section 3685, Title 39, United States Code)

Date of Filing—November 8, 1977

Title of Publication—Clinical Nuclear Medicine

Frequency of Issue—Monthly

Location of Known Office of Publication—East Washington Square,
 Philadelphia, PA 19105

Location of the Headquarters or General Business Offices of the
 Publishers—East Washington Square, Philadelphia, PA 19105

Publisher—J. B. Lippincott Company, East Washington Square,
 Philadelphia, PA 19105

Editor—Sheldon Baum, M.D., Director, The Milton S. Hershey
 Medical Center, Hershey, PA 17033

Managing Editor—Peter Dechnik, East Washington Square,
 Philadelphia, PA 19105

Owner—J. B. Lippincott Company, East Washington Square,
 Philadelphia, PA 19105

Known Bondholders, Mortgages and other security holders owning
 or holding 1 per cent or more of total amounts of bonds,
 mortgages or other securities—Anderson & Co., Phila., PA; Cede
 & Co., New York, NY; Cross & Co., Phila., PA; Jastla & Co.,
 Washington, DC; Steere & Co., Phila., PA; Wilhelmina Ball,
 Phila., PA; Howard K. Bauernfeind, Bryn Mawr, PA; Fidelity
 Philadelphia Trust Co., Trustee, Estate of Walter Lippincott,
 Phila., PA; Sarah H. Lamb, Malvern, PA; James Laughlin, Nor-
 folk, CT; Barton H. Lippincott, Phila., PA; Joseph W. Lippin-
 cott, Jr., Haverford, PA; Lingg & Co., Phila., PA; McRab & Co.,
 Sarasota, FL; Walter Kahoe, Moylan, PA; Massachusetts State
 Carpenters Pensions Fund, Lexington, MA; Elizabeth H. Powell,
 Balboa, CA; Trustees under J. B. Lippincott Company's
 Employees Profit Sharing Trust, Phila., PA.

	Average No. Copies Each Issue during Preceding 12 Months	Actual No. of Copies of Single Issues Published Nearest to Filing Date
A. Total no. copies printed (net press run)	2,396	2,400
B. Paid circulation		
1. Sales through dealers and carriers, street vendors and counter sales	261	261
2. Mail subscriptions	1,780	1,881
C. Total paid circulation	2,041	2,142
D. Free distribution by mail, carrier or other means. Samples, complimentary, and other free copies	36	93
E. Total distribution (sum of C and D)	2,077	2,235
F. Copies not distributed		
1. Office use, leftover, unac- counted, spoiled after printing	319	165
2. Returns from news agents	—	—
G. Total (sum of E & F —should equal net press run shown in A)	2,396	2,400

I certify that the statements made by me above are correct and
 complete.

John M. Wehner, Jr., Publisher